

ASUS NUC RNUC14LNKU5078NU Intel Core Ultra 5 226V 16 GB LPDDR5x-SDRAM 512 GB SSD Windows 11 Mini PC Black



Brand : ASUS

Product family: NUC

Product code: 90AS00N1-M001C0

Product name :
RNUC14LNKU5078NU

- Windows 11 64-bit
- Intel Core Ultra 5 226V (8MB Cache)
- 16GB (8533MHz) LPDDR5x-SDRAM & 512GB SSD
Intel Core Ultra 5 226V (8MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, Intel Arc Graphics 130V, LAN, WLAN, Bluetooth, Windows 11 64-bit

ASUS NUC RNUC14LNKU5078NU Intel Core Ultra 5 226V 16 GB LPDDR5x-SDRAM 512 GB SSD Windows 11 Mini PC Black:

Create, achieve, and stay secure with AI Innovation

The World's First AI Mini PC, powered by the Intel® Core™ Ultra processor (Series 2, formerly Lunar Lake), delivering advanced AI capabilities in a compact <0.6L design. It features Copilot+ button, Wi-Fi 7, Bluetooth 5.4, voice command, and fingerprint recognition with Secure Boot for enhanced security, plus effortless tool-free installation. This revolutionary device sets a new benchmark for mini PC innovation, providing unparalleled performance across business, entertainment, and industrial applications.

Processor		Graphics	
Processor manufacturer *	Intel	On-board graphics card family	Intel Arc Graphics
Processor family *	Intel Core Ultra 5	On-board graphics card model *	Intel Arc Graphics 130V
Processor generation	Intel Core Ultra (Series 2)	Performance	
Processor model *	226V	Market positioning	Business
Processor cores	8	Motherboard chipset	Intel SoC
Processor threads	8	Product type *	Mini PC
Processor boost frequency	4.5 GHz	Network	
Performance cores	4	Ethernet LAN *	✓
Low Power Efficient-cores	4	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Performance-core Max Turbo Frequency	4.5 GHz	LAN controller	Intel I226-V
Low Power Efficient-core Max Turbo Frequency	3.5 GHz	Wi-Fi *	✓
Performance-core base frequency	2.1 GHz	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Low Power Efficient-core Base Frequency	2100 MHz	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor cache	8 MB	WLAN controller manufacturer	Intel
Processor cache type	Smart Cache	WLAN controller model	Intel Wi-Fi 7 BE201
Processor base power	17 W	Bluetooth	✓
Maximum turbo power	37 W	Bluetooth version	5.4
Neural processor unit (NPU)		Ports & interfaces	
Neural processor unit (NPU)	Intel AI Boost	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Sparsity support	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Windows Studio effects support	✓	Intel® Thunderbolt 4	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Thunderbolt 4 ports quantity	2
Total processor performance up to	97 TOPs	HDMI ports quantity *	1
NPU performance up to	40 TOPs	HDMI version	2.1
GPU performance up to	53 TOPs	Ethernet LAN (RJ-45) ports	1
Memory		Combo headphone/mic port	✓
Internal memory *	16 GB	DC-in jack	✓
Internal memory type	LPDDR5x-SDRAM	Number of rear USB ports	3
Memory clock speed	8533 MHz	Number of front USB ports	3
		Number of front audio ports	1

Memory		Power	
Memory channels	Dual-channel	Power supply *	120 W
Storage		Design	
Total storage capacity *	512 GB	Chassis type *	Mini PC
Storage media *	SSD	Placement supported	Horizontal
Optical drive type *	✗	Cable lock slot	✓
Total SSDs capacity	512 GB	Cable lock slot type	Kensington
Number of SSDs installed	1	Product colour *	Black
SSD capacity	512 GB	Introduction year	2025
SSD interface	PCI Express 4.0	Software	
NVMe	✓	Operating system architecture	64-bit
SSD form factor	M.2	Operating system installed *	Windows 11
M.2 SSD size	2280 (22 x 80 mm)	Display	
Graphics		Display included *	✗
Discrete graphics card *	✗	Audio	
On-board graphics card *	✓	Audio chip	Realtek ALC3288
Discrete graphics card model *	Not available	Weight & dimensions	
On-board GPU manufacturer	Intel	Width *	130 mm
		Depth *	130 mm
		Height *	34 mm
		Weight *	500 g



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Catalog Object Cloud



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